

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001125695  
 PUBLICATION DATE : 11-05-01

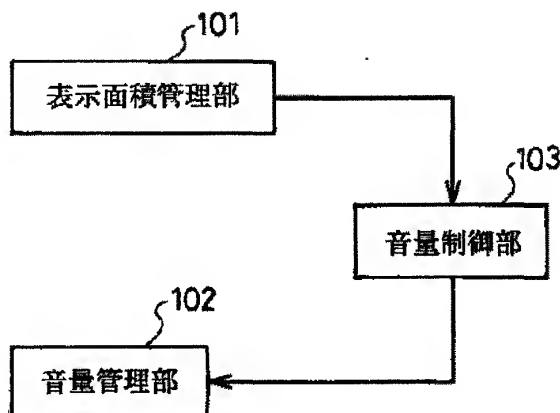
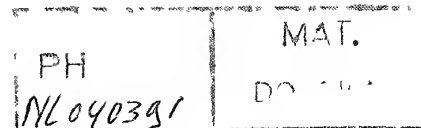
APPLICATION DATE : 28-10-99  
 APPLICATION NUMBER : 11307500

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : OOKUBO HARUYO;

INT.CL. : G06F 3/00 G06F 3/16 H04N 5/45  
 H04N 5/60

TITLE : WINDOW MANAGING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To control the volume of a sound corresponding to a window according to the display area of the window on a display in a multiwindow environment.

SOLUTION: In a multiwindow environment, a window display area management part 101 calculates and manages the display areas of all windows, a sound volume control part 102 manages the sound volume levels of all the windows, and a sound volume control part 103 controls the sound volume levels of the respective windows managed by the part 102 according to the display areas of the windows calculated by the part 101.

COPYRIGHT: (C)2001,JPO